#### INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/002700

# CLASSIFICATION OF SUBJECT MATTER

# IPC7 H01F 3/04

According to International Patent Classification (IPC) or to both national classification and IPC

### FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 H01F 3/00, H01F 3/04, H01F 3/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

#### DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |  |
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| X, Y      | JP 04-165607 A (DAIHEN CORP) 11 JUNE 1992  | 1 - 4                 |  |
| Y         | KR 1999-0201602 B (CHANGSUNG CO.,LTD) 15 MARCH 1999                                | 1-4                   |  |
| Y         | KR 1999-0201603 B (CHANGSUNG CO.,LTD) 25 MARCH 1999                                | 1-4                   |  |
| `` Y      | KR 2001-0305328 B (CHANGSUNG CO.,LTD) 27 JULY 2001                                 | 1-4                   |  |
| Y         | KR 2002-0342212 B (CHANGSUNG CO.,LTD) 15 JUNE 2002                                 | 1 - 4                 |  |
| Y         | KR 2003-0396045 B (CHANGSUNG CO.,LTD) 14 AUGUST 2003                               | 1 - 4                 |  |
| Y         | KR 2003-0028989 A (CHANGSUNG CO.,LTD) 11 APRIL 2003                                | 1 - 4                 |  |
| A         | JP 59-178716 A (TOSHIBA CORP) 11 OCTOBER 1984                                      | 1 - 4                 |  |
| A         | JP 61-071612 A (TOSHIBA CORP) 12 APRIL 1986 FIG.3                                  | 1 - 4                 |  |
| A         | JP 11-8111 A (TDK CORP) 12 JANUARY 1999 FIG.4                                      | 1 - 4                 |  |
|           | •  |                       |  |

|  | Further documents | are listed in the | continuation | of Box C. |
|--|-------------------|-------------------|--------------|-----------|
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See patent family annex.

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Date of the actual completion of the international search

25 JANUARY 2005 (25.01.2005)

Date of mailing of the international search report

28 JANUARY 2005 (28.01.2005)

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